



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D3676-1**  
**Job Sheet 202139**



Part No: D3676-1

Job Qty: 1 pcs

Part Name: Bubble Window - LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/21/19

Job Tracking No:

Due Date: 11/1/19

11/22/2019

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV D IPP Rev A New Product 01/24/2008 DL Verified: JLM IPP Rev B Change Mat. to .236"  
08/29/2008 DL IPP Rev C Added D3676-2 12/03/01 DL IPP Rev. D Udate dwg add 20" dim to apex. 13/012/05

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation                     | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier    | Sign-off       |
|-------|-------------------------------|-------|------------|----------|-----------|---------|------------------------|----------------|
|       |                               |       |            |          | Setup Hrs | Run Hrs |                        |                |
| 110   | Purchasing                    | 1 pcs | 11/1/19    | 11/1/19  | 0.00      | 0.00    | Purchasing - 1         | R NOV 2 6 2019 |
|       |                               |       |            |          |           |         | Purchasing - 2         |                |
|       |                               |       |            |          |           |         | Purchasing - 3         |                |
| 140   | Packaging 2-1 - Receive - B4B | 1 pcs | 11/1/19    | 11/1/19  | 0.00      | 0.00    | Packaging 2 - 1 - B4B  | R NOV 2 6 2019 |
|       |                               |       |            |          |           |         | Packaging 2 - 2 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 3 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 5 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 4 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 6 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 7 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 8 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 9 - B4B  |                |
|       |                               |       |            |          |           |         | Packaging 2 - 10 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 11 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 12 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 13 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 14 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 15 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 16 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 17 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 18 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 19 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 20 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 21 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 22 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 23 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 24 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 25 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 26 - B4B |                |
|       |                               |       |            |          |           |         | Packaging 2 - 27 - B4B |                |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 813 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Container No: S234897



Part: D3676-1

Job No: 202139

Serial No/Batch: S234897

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 11/26/19

Plex 10/21/19 7:51 AM Dart.lajeunesse.marie

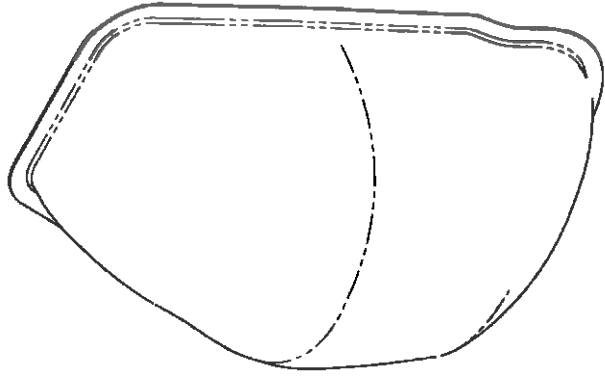
|                                 |       |         |           |                        |                  |
|---------------------------------|-------|---------|-----------|------------------------|------------------|
|                                 |       |         |           | Packaging 2 - 28 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 29 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 30 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 31 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 32 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 33 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 34 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 35 - B4B |                  |
|                                 |       |         |           | Packaging 2 - 36 - B4B |                  |
|                                 |       |         |           | 150 QC 6               | 1 pcs            |
| QC 6 - 68                       | 9-89  |         |           |                        |                  |
| QC 6 - 61                       |       |         |           |                        |                  |
| QC 6 - 40                       |       |         |           |                        |                  |
| QC 6 - 81                       |       |         |           |                        |                  |
| 170 Packaging 3-1 - Stock - B4B | 1 pcs | 11/1/19 | 0.00 0.00 | Packaging 3 - 1 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 2 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 3 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 4 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 5 - B4B  | JAN 09 2020      |
|                                 |       |         |           | Packaging 3 - 6 - B4B  | DAS<br>58        |
|                                 |       |         |           | Packaging 3 - 7 - B4B  | 9-89             |
|                                 |       |         |           | Packaging 3 - 8 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 9 - B4B  |                  |
|                                 |       |         |           | Packaging 3 - 10 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 11 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 12 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 13 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 14 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 15 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 16 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 17 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 18 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 19 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 20 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 21 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 22 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 23 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 24 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 25 - B4B | DAS<br>78        |
|                                 |       |         |           | Packaging 3 - 26 - B4B | 9-89 JAN 10 2020 |
|                                 |       |         |           | Packaging 3 - 27 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 28 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 29 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 30 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 31 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 32 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 33 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 34 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 35 - B4B |                  |
|                                 |       |         |           | Packaging 3 - 36 - B4B |                  |
| 180 QC 21 - SA                  | 1 pcs | 11/1/19 | 0.00 0.00 | QC 21 - SA - 21        | DAS              |
|                                 |       |         |           | QC 21 - SA - 70        | 21               |
|                                 |       |         |           | QC 21 - SA - 53        | 9-89 JAN 10 2020 |

Part Op 110 - Purchasing (Purchasing)  
Descriptions: 140 - (Receive & Inspect for Damage & Mat'l Certs) Receive & Inspect for Damage & Mat'l Certs  
150 - (QC6- All purchased or subcontracted products) QC6- All purchased or subcontracted products  
170 - Identify as per dwg & Stock Location:  
180 - QC21- Final Inspection - Work Order Release) QC21- Final Inspection - Work Order Release

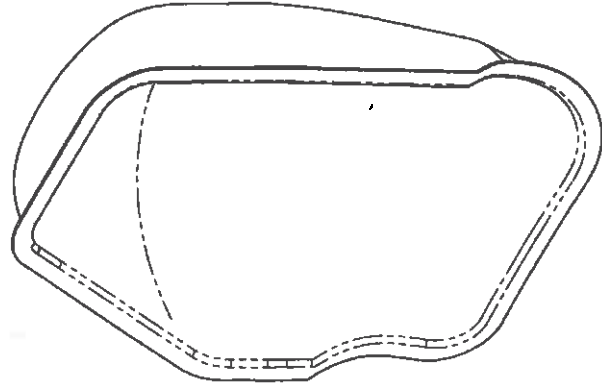
FC019

| Job BOM                            |                     |               |                |                               |
|------------------------------------|---------------------|---------------|----------------|-------------------------------|
| Part / Item                        | Component Name      | Quantity      | Operation      | Container                     |
| D3676-1P                           | Bubble Window - LH  | 1 pcs (1 ea)  | 110-Purchasing | S234894                       |
| MACRLICS.236                       | Plexiglass G 0.236" | 14 sf (14 ea) | 110-Purchasing | <del>S168350</del><br>S234895 |
| Job Allocations                    |                     |               |                |                               |
| Operation                          | Component Part      | Required      | Inventory      | Allocated                     |
| 110-Purchasing                     | D3676-1P            | 1             | 0              | 0                             |
|                                    | MACRLICS.236        | 14            | 160            | 0                             |
| Part Specifications                |                     |               |                |                               |
| Specifications could not be found. |                     |               |                |                               |

Plex 10/21/19 7:51 AM Dart.lajeunesse.marie



D3676-1 FULL HEIGHT BUBBLE WINDOW (LH)



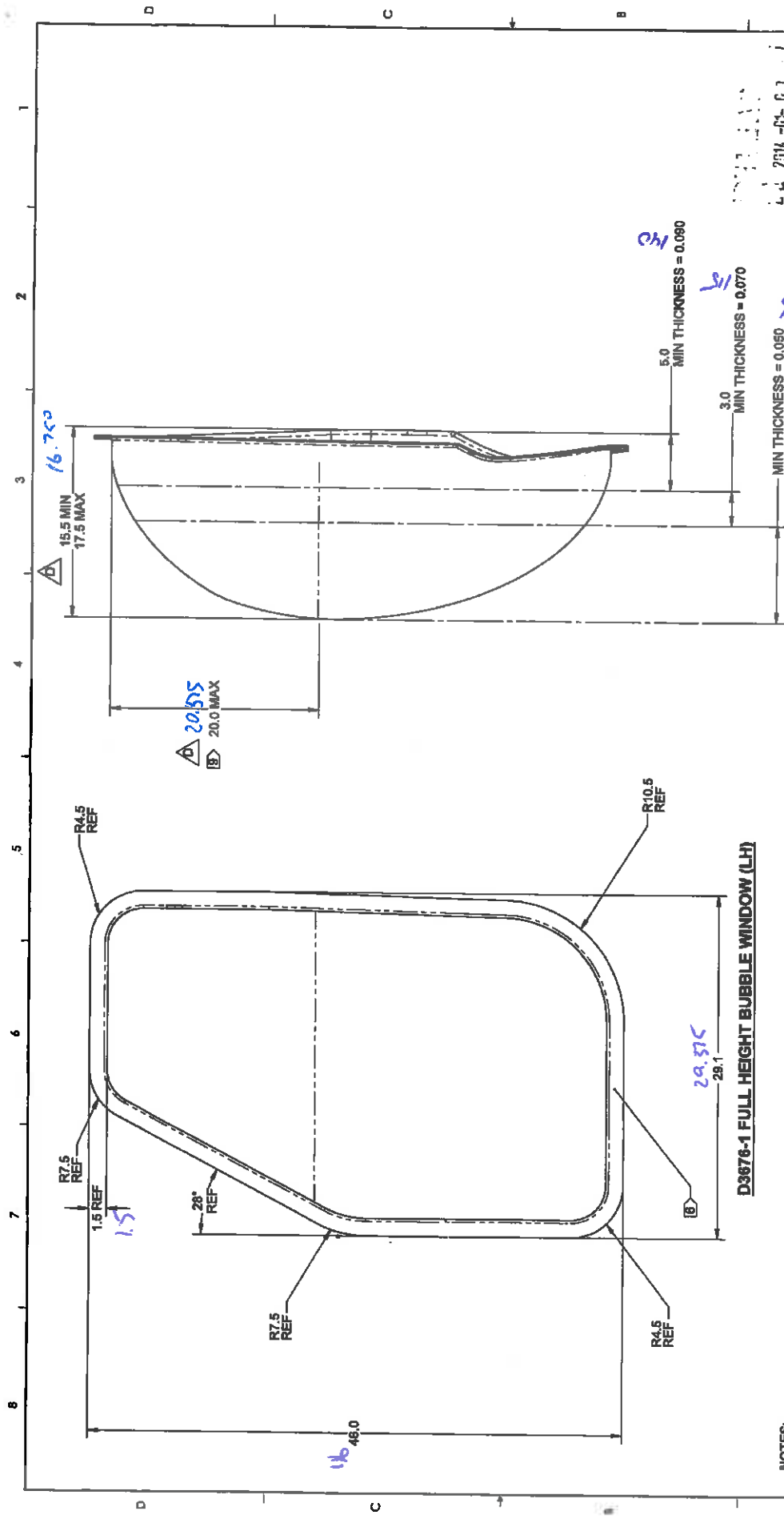
D3676-2 FULL HEIGHT BUBBLE WINDOW (RH)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 262113 MJS  
19-10-21

1233  
223-55-611  
WJP

|            |                                                                                                           |    |          |
|------------|-----------------------------------------------------------------------------------------------------------|----|----------|
| D          | UPDATE TOLERANCE ON DEPTH, ADD 20.0 MAX. SET TOTAL DIMENSION (SH 2 & 3), NEW VIEW LAYOUTS ON SHEET 1 OF 3 | DB | 13.12.05 |
| C          | ADDED D3676-2 FULL HEIGHT BUBBLE WINDOW (RH) REMOVED NOTES ON SHEET 1, REFORMAT NOTES 6 & 8               | AP | 12.03.01 |
| B          | REMOVED D3676-1 FULL HEIGHT BUBBLE WINDOW (LH) FROM SHEET 1 OF 3                                          | MB | 06.10.27 |
| A          | REVISED TOLERANCE ON MINIMUM THICKNESSES (ON JAMBLS), REASON: PRODUCTION FACILITY.                        | MB | 06.02.29 |
| REV.       | DESCRIPTION                                                                                               | BY | DATE     |
| DESIGN     | MB                                                                                                        |    |          |
| DRAWN      | DB                                                                                                        |    |          |
| CHECKED    | AP                                                                                                        |    |          |
| MFG. APPR. |                                                                                                           |    |          |
| APPROVED   |                                                                                                           |    |          |
| DE APPR.   |                                                                                                           |    |          |
| DATE       | 13.12.05                                                                                                  |    |          |

|                                                                                                                                                                                                                              |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| DART AEROSPACE LTD                                                                                                                                                                                                           |              |
| HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                  |              |
| DRAWING NO.                                                                                                                                                                                                                  | D3676        |
| REV. D                                                                                                                                                                                                                       | SHEET 1 OF 3 |
| TITLE                                                                                                                                                                                                                        | SCALE        |
| FULL HEIGHT BUBBLE WINDOW                                                                                                                                                                                                    | NTS          |
| COPYRIGHT © 2013 BY DART AEROSPACE LTD                                                                                                                                                                                       |              |
| ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. |              |



D3676-1 FULL HEIGHT BUBBLE WINDOW (LH)

- NOTES:
- 1) MATERIAL: PLEXIGLASS G CLEAR CAST ACRYLIC SHEET PER LR-361 TYPE 1 GRADE C OR POLYCAST II CLEAR ACRYLIC SHEET PER MIL-P-5426, 0.236 THICK (REF. DART SPEC. MACRYLIC-S.236)
  - 2) FINISH: N/A
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.010 TO 0.020 MAX
  - 6) IDENTIFICATION: ENGRAVE P/N "D3676-1" & B/N "BXXXXX" ON FLANGE WITHIN 0.25" OF BUBBLE USE 0.125" LETTERS TO MAX. DEPTH OF 0.005" PER DART QSI 044 6.4 WITH VIBRATING STYLUS.
  - 7) WEIGHT: 11.0 lbs
  - 8) THERMOFORM PER DART QSI 022 USING DT8992
  - 9) MAXIMUM WINDOW DEPTH TO BE AS FAR ABOVE CENTER OF WINDOW AS POSSIBLE

|            |          |                                        |              |
|------------|----------|----------------------------------------|--------------|
| DESIGN     | MB       | DART AEROSPACE LTD                     |              |
| DRAWN      | DB       | HAWKESBURY, ONTARIO, CANADA            |              |
| CHECKED    | AP       | DRAWING NO.                            | REV. D       |
| MFG. APPR. | AP       | D3676                                  | SHEET 2 OF 3 |
| APPROVED   | AP       | TITLE                                  | SCALE        |
| DE APPR.   | AP       | FULL HEIGHT BUBBLE WINDOW              | NTS          |
| DATE       | 13.12.05 | COPYRIGHT © 2012 BY DART AEROSPACE LTD |              |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| Job: _____<br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                |             | DISPOSITION<br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> |  | DEPARTMENT/PROCESS<br>Skid-tube <input type="checkbox"/> Cross tube <input type="checkbox"/> Eng. (Non-AW) <input type="checkbox"/><br>Machining <input type="checkbox"/> Small Fab <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/><br>Large Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/><br>Engineering <input type="checkbox"/><br>Water Jet <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Quality <input type="checkbox"/>                                                                                                                                                                                                                                                                            |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sequence #: | QTY Affected :                                                                                                         |  | MRB (QS1042)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                            |             |                                                                                                                        |  | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |
| <div>Root Cause</div> <div><div><input type="checkbox"/> Operator</div><div><input type="checkbox"/> Manufacturing Process</div><div><input type="checkbox"/> Equip/Tooling</div><div><input type="checkbox"/> Handling/Preservation</div><div><input type="checkbox"/> Material</div><div><input type="checkbox"/> Product Improvement</div><div><input type="checkbox"/> Process Improvement</div><div><input type="checkbox"/> Human Factors</div></div> |             |                                                                                                                        |  | <div>FAULT CATEGORY</div> <div><div><input type="checkbox"/> Contamination</div><div><input type="checkbox"/> Misaligned/off center</div><div><input type="checkbox"/> BOM/Route</div><div><input type="checkbox"/> Broken/Damage/Defect</div><div><input type="checkbox"/> Incomplete/Unclear Instructions</div><div><input type="checkbox"/> Drill Holes</div><div><input type="checkbox"/> Fit/Function</div></div> <div><div><input type="checkbox"/> Pressure/Forced</div><div><input type="checkbox"/> Bending</div><div><input type="checkbox"/> Crushing</div><div><input type="checkbox"/> Cracks</div><div><input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist</div><div><input type="checkbox"/> Marks/Chatter</div><div><input type="checkbox"/> Mislabeled</div></div> <div>Other/Details:</div> |  |  |  | <div><div><input type="checkbox"/> Power Loss/Surge</div><div><input type="checkbox"/> Folio/Program</div><div><input type="checkbox"/> Grain Direction</div><div><input type="checkbox"/> Weld</div><div><input type="checkbox"/> Wrong Stock Pulled</div><div><input type="checkbox"/> Out of Sequence</div><div><input type="checkbox"/> Off-set/Set-up</div></div> <div><div><input type="checkbox"/> Positioned Wrong</div><div><input type="checkbox"/> Outside Tolerance</div><div><input type="checkbox"/> Drawing</div><div><input type="checkbox"/> Finish</div><div><input type="checkbox"/> Part Lost/Missing</div><div><input type="checkbox"/> Misread</div></div> |  |  |  |



Dart Aerospace Ltd.

1270 Aberdeen St

Hawkesbury, ON

K6A 1K7

Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044864



Supplier:

PTF001-VC  
Plas-Tech Fabrications  
128 Walgreen Road  
Ottawa  
ON  
K0A 1L0 Canada  
Phone: 613-831-4640  
Fax: 613-831-4624

PO No:

POHB044864

PO Date:

10/23/19

Due Date:

11/15/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact:

Phone:

Via:

Ground

Pynt Terms:

Net 30

Freight Terms:

Special Comments:

Ship To:

1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

| Items        |        |          |                                 |                  |         |                                                      |              |         |                |                |                   |         |                  |                |
|--------------|--------|----------|---------------------------------|------------------|---------|------------------------------------------------------|--------------|---------|----------------|----------------|-------------------|---------|------------------|----------------|
| Line Item    | Job    | Part     | Drawing                         | Supplier Part No | Item No | Description                                          | Status       | Account | Due Date       | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price |
| 1            | 202139 | D3676-1P | D3676 REV.D<br>DAS<br>9<br>9-89 |                  |         | Bubble Window - LH<br>: Various STC's<br>receive pcs | Firmed<br>x3 | -       | 11/15/19<br>26 | 3 pcs          | 0 pcs             | 3 pcs   | \$0.01/pcs       | \$0.03         |
| Grand Total: |        |          |                                 |                  |         |                                                      |              |         |                |                |                   |         |                  | \$0.03         |

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A008 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION SENT TO DART AEROSPACE)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.



Plex 10/23/19 12:34 PM dart.lussier.patrick

**Plas-Tech Fabrications Inc.**

128 Walgreen Rd  
Stittsville, Ont  
K0A 1L0

Ph: 613-831-4640  
Fx: 613-831-4624

**Packing Slip**

Packing Slip No.:

Date:

Page:

37775

Nov 25, 2019

1

#44864

|                                                                         |                                                                                       |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Sold to:</b>                                                         | <b>Ship to:</b>                                                                       |
| <b>DART AEROSPACE</b><br>1270 ABERDEEN STREET<br>HAWKESBURY, ON K6A 1K7 | <b>DART AEROSPACE</b><br>1270 ABERDEEN STREET<br>HAWKESBURY, ON K6A 1K7<br>POHB044864 |
| <b>Order No.:</b> 23011                                                 | <b>Sold By:</b> Mark Perry                                                            |
| <b>Shipped By:</b>                                                      | <b>Ship Date:</b> Nov 25, 2019                                                        |
| <b>Tracking No.:</b>                                                    |                                                                                       |

| Item No.                                                    | Unit | Description             | Quantity |
|-------------------------------------------------------------|------|-------------------------|----------|
| D3676-1P                                                    |      | Rev D. Bubble window-LH | 3        |
| <div>RECEIVED<br/>NOV 26 2019<br/>DART AEROSPACE LTD.</div> |      |                         |          |
| Comment: Thank you for your order.                          |      |                         |          |



SAE AS9102 First Article Inspection Form

Form 1: Part Number Accountability

Sheet 1 of 1

|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------|
| 1. Part Number<br>D3676-1P                                                                                                                          | 2. Part Name<br>FULL HEIGHT BUBBLE WINDOW                                                                                                             | 3. Serial Number<br>2019-001        | 4. FAI Report Number<br>FAIR-D3676-1P Rev D  |
| 5. Part Revision Level<br>Rev. D                                                                                                                    | 6. Drawing Number<br>D3676 (SHEET 3)                                                                                                                  | 7. Drawing revision level<br>Rev. D | 8. Additional Changes<br>NA                  |
| 9. Manufacturing Process Reference<br>PR-01-01-D3676-1P REV1.0                                                                                      | 10. Organization Name<br>Plas-Tech Fabrications Inc.                                                                                                  | 11. Supplier Code<br>PTF001         | 12. P.O. Number<br>POHB044864 (LINE ITEM #1) |
| 13. Detail FAI<br><input type="checkbox"/> Assembly FAI                                                                                             | 14. Full FAI<br><input checked="" type="checkbox"/> Partial FAI<br>Reason for Partial FAI:<br>-----Baseline Part Number including revision level----- |                                     |                                              |
| a) if above part number is a detail part only, go to Field 19<br>b) if above part number is an assembly, go to the "INDEX" section below.           |                                                                                                                                                       |                                     |                                              |
| INDEX of part numbers or sub-assembly numbers required to make the assembly noted above.                                                            |                                                                                                                                                       |                                     |                                              |
| 15. Part Number                                                                                                                                     | 16. Part Name                                                                                                                                         | 17. Part Serial Number              | 18. FAI Report Number                        |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
|                                                                                                                                                     |                                                                                                                                                       |                                     |                                              |
| 1) Signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.            |                                                                                                                                                       |                                     |                                              |
| 2) Also indicate if the FAI is complete per Section 5.4: <input checked="" type="checkbox"/> FAI complete <input type="checkbox"/> FAI not Complete |                                                                                                                                                       |                                     |                                              |
| 19. Signature<br>                                                |                                                                                                                                                       | 20. Date<br>11-19-2019              |                                              |
| 21. Reviewed By                                                                                                                                     |                                                                                                                                                       | 22. Date                            |                                              |
| 23. Customer Approval                                                                                                                               |                                                                                                                                                       | 24. Date                            |                                              |

SAE AS9102 First Article Inspection Form

Form 2: Product Accountability – Raw Material, Specifications and  
Special Process(es), Functional Testing

Sheet 1 of 1

|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------|--|------------------------------|--|---------------------------------------------------|--|--------------------------------------------------------|--|---------------------------------------------|--|
| 1. Part Number<br>D3676-1P                                                         |  | 2 Part Name<br>FULL HEIGHT BUBBLE WINDOW                                                             |  | 2. Serial Number<br>2019-001 |  | 4. FAI Report<br>Number<br>FAIR-D3676-1P<br>REV D |  |                                                        |  |                                             |  |
| 5. Material or Process<br>Name                                                     |  | 6. Specification<br>Number                                                                           |  | 7. Code                      |  | 8. Special Process<br>Supplier Code               |  | 9. Customer<br>Approval<br>Verification<br>(Yes/No/NA) |  | 10. Certificate of<br>Conformance<br>number |  |
| PLEXIGLASS G CLEAR<br>CAST ACRYLIC SHEET<br>OR POLYCAST II CLEAR<br>ACRYLIC SHEET. |  | LP-391 TYPE 1<br>GRADE C, OR MIL-<br>P-5425, 0.236<br>THICK (REF DART<br>SPEC. M-ACRYLIC-<br>S.236). |  |                              |  | N/A                                               |  | N/A                                                    |  | N/A<br>Supplied by Customer_<br>DART        |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
| 11. Functional Test<br>Procedure Number                                            |  | 12. Acceptance report number, if applicable                                                          |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
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|                                                                                    |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
| 13. Comments                                                                       |  |                                                                                                      |  |                              |  |                                                   |  |                                                        |  |                                             |  |
| 14. Prepared By<br>Mark Perry<br>Plas-Tech Fabrications                            |  |                                                                                                      |  | 15. Date<br>11-19-2019       |  |                                                   |  |                                                        |  |                                             |  |

|                               |                          |                             |                                                                                                                                                                               |                                                |                      |                              |                                                                                                                                                          |
|-------------------------------|--------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Part Number<br>D3676-1P    |                          |                             |                                                                                                                                                                               | 2. Part Name<br>FULL HEIGHT BUBBLE WINDOW – LH |                      | 3. Serial Number<br>2019-001 | 4. FAI Report<br>FAIR-D3676-1P REV D                                                                                                                     |
| Characteristic Accountability |                          |                             |                                                                                                                                                                               | Inspection / Test Results                      |                      |                              |                                                                                                                                                          |
| 5. Char No.                   | 6. Reference Location    | 7.Characteristic Designator | 8. Requirement                                                                                                                                                                | 9. Results                                     | 10. Designed Tooling | 11. Non-Conformance Number   | 14. Remarks.                                                                                                                                             |
| 1                             | 8A-SH2, Eng. Note 1      |                             | PLEXIGLASS G CLEAR CAST ACRYLIC SHEET PER LP-391 TYPE 1 GRADE C, OR POLYCAST II CLEAR ACRYLIC SHEET PER MIL-P-5425, 0.236 THICK (REF DART SPEC. M-ACRYLIC-S.236).             | CHECKED AS OK                                  |                      |                              | Material supplied by customer _ Dart<br><br>MACRLICS.236. Batch # S188380                                                                                |
| 2                             | 8A-SH2, Eng. Note 2      |                             | FINISH: NONE                                                                                                                                                                  | NOTED                                          |                      |                              |                                                                                                                                                          |
| 3                             | 8A-SH2, Eng. Note 3      |                             | TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED                                                                                                                           | NOTED                                          |                      |                              |                                                                                                                                                          |
| 4                             | 8A-SH2, Eng. Note 4      |                             | UNITS: INCHES UNLESS OTHERWISE NOTED                                                                                                                                          | NOTED                                          |                      |                              |                                                                                                                                                          |
| 5                             | 8A-SH2, Eng. Note 5      |                             | BREAK SHARP EDGES 0.010 TO 0.020 MAX                                                                                                                                          | SCRAPED ALL EDGES TO REMOVE.                   |                      |                              |                                                                                                                                                          |
| 6                             | 8A & 7B-SH2, Eng. Note 6 |                             | IDENTIFICATION: ENGRAVE P/N "D3676-1" AND B/N "BXXXXX" ON FLANGE WITHIN 0.25 OF BUBBLE. USE 0.125" LETTERS TO MAX DEPTH OF 0.005" PER DART QSI 044 6.4 WITH VIBRATING STYLUS. | NOTED                                          |                      |                              | <ul style="list-style-type: none"><li>• Tag or label only by Plas-Tech</li><li>• Final Identification to be completed by Dart per Eng. Note 6.</li></ul> |
| 7                             | 8A-SH2, Eng. Note 7      |                             | WEIGHT: 11.0 Lbs.                                                                                                                                                             | 13 LB                                          |                      |                              | PLASTECH WEIGH SCALE IS +/- 1 LB ACCURACY.                                                                                                               |

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

Sheet 2 of 3

| 1. Part Number                |                       |                             |                                                                       | 2. Part Name                   |                      |                            | 3. Serial Number                                                                                                      | 4. FAI Report       |
|-------------------------------|-----------------------|-----------------------------|-----------------------------------------------------------------------|--------------------------------|----------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------|
| D3676-1P                      |                       |                             |                                                                       | FULL HEIGHT BUBBLE WINDOW - LH |                      |                            | 2019-01                                                                                                               | FAIR-D3676-1P Rev D |
| Characteristic Accountability |                       |                             |                                                                       | Inspection / Test Results      |                      |                            |                                                                                                                       |                     |
| 5. Char No.                   | 6. Reference Location | 7.Characteristic Designator | 8. Requirement                                                        | 9. Results                     | 10. Designed Tooling | 11. Non-Conformance Number | 14. Remarks.                                                                                                          |                     |
| 8                             | 8A-SH2, Eng. Note 8   |                             | THERMOFORM PER DART QSI 022 USING DT8992.                             | NOTED                          | MOULD DT8992.        |                            |                                                                                                                       |                     |
| 9                             | 8A-SH2                |                             | MAXIMUM WINDOW DEPTH TO BE AS FAR ABOVE CENTER OF WINDOW AS POSSIBLE. | NOTED                          |                      |                            |                                                                                                                       |                     |
| 10                            | 8C-SH2                |                             | 46.0                                                                  | 46.0                           |                      |                            |                                                                                                                       |                     |
| 11                            | 8C-SH2                |                             | R7.5 REF                                                              | R7.5                           |                      |                            |                                                                                                                       |                     |
| 12                            | 7D-SH2                |                             | 28 DEG REF                                                            | 28.2 DEG                       |                      |                            | Calculated using rise over run.                                                                                       |                     |
| 13                            | 7D-SH2                |                             | 1.5 REF                                                               | 1.70-1.75                      |                      |                            | Geometry is determined by mould and overall dimensions per Char No's 10 and 22. The 1.5 REF is a resultant dimension. |                     |
| 14                            | 7D-SH2                |                             | R7.5 REF                                                              | 7.0                            |                      |                            |                                                                                                                       |                     |
| 15                            | 5D-SH2                |                             | R4.5 REF                                                              | 4.5                            |                      |                            |                                                                                                                       |                     |
| 16                            | 4D-SH2                |                             | 20.0 MAX                                                              | 20.0                           |                      |                            |                                                                                                                       |                     |
| 17                            | 3A-SH2                |                             | 15.5 MIN / 17.5 MAX                                                   | 16.8                           |                      |                            |                                                                                                                       |                     |
| 18                            | 2B-SH2                |                             | 5.0 MIN THICKNESS = 0.090                                             | 0.160-0.166                    |                      |                            | Measured by cut-up of setup part.                                                                                     |                     |
| 19                            | 2B-SH2                |                             | 3.0 MIN THICKNESS = 0.070                                             | 0.130-0.136                    |                      |                            | Measured by cut-up of setup part.                                                                                     |                     |

|                                                                                                                                           |                       |                             |                       |                                            |                        |                             |                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------|-----------------------|--------------------------------------------|------------------------|-----------------------------|-------------------------------------------|
| 1. Part Number<br>D3676-1P                                                                                                                |                       |                             |                       | 2. Part Name<br>FULL HEIGHT BUBBLE WINDOW  |                        | 3. Serial Number<br>2019-01 | 4. FAI Report<br>FAIR-D3676-1 Rev D       |
| Characteristic Accountability                                                                                                             |                       |                             |                       | Inspection / Test Results                  |                        |                             |                                           |
| 5. Char No.                                                                                                                               | 6. Reference Location | 7.Characteristic Designator | 8. Requirement        | 9. Results                                 | 10. Designed Tooling   | 11. Non-Conformance Number  | 14. Remarks.                              |
| 20                                                                                                                                        | 2B-SH2                |                             | MIN THICKNESS = 0.050 | 0.095-0.135 along side. 0.076 min at apex. |                        |                             | Measured by cut-up of setup part.         |
| 21                                                                                                                                        | 8B-SH2                |                             | R4.5 REF              | 4.5                                        |                        |                             |                                           |
| 22                                                                                                                                        | 4B-SH2                |                             | 29.1                  | 29.0                                       |                        |                             |                                           |
| 23                                                                                                                                        | 5B-SH2                |                             | R10.5 REF             | 10.5                                       |                        |                             |                                           |
| 24                                                                                                                                        | GENERAL               |                             | WORKMANSHIP           | COMPLIANT                                  |                        |                             | VISUAL AND CHECK FOR SCRATCHES / CLARITY. |
| The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition. |                       |                             |                       |                                            |                        |                             |                                           |
| 12. Prepared By Mark Perry, Plas-Tech Fabrications                                                                                        |                       |                             |                       |                                            | 13. Date<br>11-19-2019 |                             |                                           |



128 WALGREEN ROAD  
CARP. ON K0A 1L0  
PHONE-613-831-4640  
FAX-613-831-4624

## CERTIFICATE OF COMPLIANCE

SOLD TO: DART AEROSPACE

DATE: November 26, 2019

YOUR PURCHASE ORDER: PO HB044864

DAS  
9  
9-89

OUR INVOICE NO: 37775

LINE ITEM # 1

QUANTITY: 3

DESCRIPTION: FULL HEIGHT BUBBLE WINDOW – LH FOR DWG D3676-1P REV D.

THESE PARTS WERE MANUFACTURED IN ACCORDANCE WITH:

DART QSI 018

PLASTECH PROCESS PR-01-01-D3676-1P REV 1.0 USING DWG D3676 REV D.

Note: USED 5 SHEET - 160 SF OF PLEXIGLASS G CLEAR CAST ACRYLIC SHEET PER LP-391  
TYPE 1 GRADE C, OR POLYCAST II CLEAR ACRYLIC SHEET PER MIL-P-5425, 0.236 THICK  
(REF DART SPEC. M-ACRYLIC-S.236). BATCH# S188380.

THIS IS TO CERTIFY THAT THE MATERIAL FINISHES AND FUNCTIONAL REQUIREMENTS OF  
THE ABOVE LISTED PARTS ARE IN ACCORDANCE WITH THE REFERENCE PROCUREMENT  
SPECIFICATIONS, CONTROL DRAWINGS OR PARTS DESIGNATION AND LATEST REVISIONS  
AS REFERENCED ON THE SUBJECT PURCHASE ORDER.

AUTHORIZED REPRESENTATIVE SIGNATURE

MARK PERRY, M.ENG.

PRESIDENT

**Plas-Tech Fabrications**  
128 Walgreen Road  
Carp, Ontario  
K0A 1L0

www.plas-techfab.com  
613-831-4640



**INVOICE**

Invoice No.: 37775  
Date: Nov 25, 2019  
Re. Order No.: 23011

**Sold To:**  
DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7

**Ship To:**  
DART AEROSPACE  
  
1270 ABERDEEN STREET  
HAWKESBURY, ON K6A 1K7  
  
POHB044864

Business No.: 890292097

| Item No.         | Quantity | Unit | Description             | Tax | Unit Price | Amount   |
|------------------|----------|------|-------------------------|-----|------------|----------|
| D3676-1P         | 3        |      | Rev D. Bubble window-LH | H   | 593.33     | 1,779.99 |
| Subtotal:        |          |      |                         |     |            | 1,779.99 |
| H - HST 13%      |          |      |                         |     |            |          |
| HST              |          |      |                         |     |            | 231.40   |
| Terms: Net 30    |          |      |                         |     |            |          |
| Due Dec 25, 2019 |          |      |                         |     |            |          |

|                           |              |          |
|---------------------------|--------------|----------|
| Comments                  | Freight      | 0.00     |
| Thank you for your order. |              |          |
| Sold By: Mark Perry       | Total Amount | 2,011.39 |